

## **CURRICULUM VITAE**

**MARVIN A. WAYNE, MD, FACEP, FAAEM, FAHA**

**Associate Clinical Professor University of Washington**

**Medical Program Director Whatcom County Washington**

**Attending Emergency Department PeaceHealth St. Joseph Medical Center**

Date of Birth: December 11, 1943 - Detroit, Michigan

Pre-Medical Education: University of Michigan (accelerated 6 years program with medical school)

Medical Education: University of Michigan, 1968

Fellowship: St. Bartholomew's Hospital, London, England, January-June 1968

Specialty Training (Surgery): University of Colorado Medical Center, Denver, Colorado, 1968-1971; Virginia Mason Hospital, Seattle, Washington, 1973-1974

Military: Major, U.S. Army Medical Corps, Dept. of Surgery (Republic of Vietnam and Ft. Carson, Colorado)

Board Certified: American Board of Emergency Medicine, 1980  
Recertification 1989, 1998, and 2008  
American Board of Forensic Medicine, 1995  
American Board of Forensic Examiners, 1995

Licensure: Washington, Colorado, California

Personal Data: Married, two children

Home Address: 456 14<sup>th</sup> Street, Bellingham, Washington 98225

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Home: (360) 676-8939; office: (360) 778-8454  
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E-mail: [mwayne@cob.org](mailto:mwayne@cob.org)

## **ADVANCED CERTIFICATION**

1. Instructor, Pediatric Advanced Life Support
2. Instructor, Advanced Cardiac Life Support
3. Instructor, Advanced Trauma Life Support
4. Instructor Advanced Hazmat Life Support

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### APPOINTMENTS AND ELECTIONS

1. Associate Clinical Professor, University of Washington School of Medicine, 1994-present; Associate Clinical Professor, University of Washington School of Public Health, 1990-1994; Assistant Clinical Professor, University of Washington School of Public Health, 1982-1990.
2. Assistant Clinical Professor, Yale University School of Medicine, 1997-2007
3. Medical Program Director, Emergency Medical Services, Bellingham/Whatcom County, Washington, 1974-present.
4. Medical Director, Med-Flight Air Medical Service, Bellingham, Washington, 1984-1999.
5. Member, Governors EMS-Trauma Committee, Washington State, 1988-2002
6. Medical Director, Bellingham Technical College Paramedic Training Program, 1998-present.
7. Member, Washington State Pre-Hospital Care Committee, 1990-present.
8. Consultant Physician, Divers Alert Network.
9. Board of Directors, Society for Pediatric Emergency Medicine, 1988-1994.
10. Board of Directors, National Association of EMS Physicians, 1986-1990.
11. Chairman, Department of Emergency Medicine, St. Luke's Hospital, Bellingham, Washington, 1984-1986.
12. Vice Chairman, Department of Emergency Medicine, St. Luke's Hospital, Bellingham, Washington, 1980-1983.
13. Medical Director, Institute for Pre-Hospital Medicine, Bellingham, Washington, 1980-1987.
14. Chairman, Emergency Medical Services Committee, State of Washington, 1982-1986.
15. Vice Chairman, Emergency Medical Services Committee, State of Washington, 1982-1983.
16. Chairman, Pediatric Trauma Subcommittee, 1988-1991.
17. Program Coordinator, National Association of EMS Physicians, 1986-1989.
18. President, Emergency Medical Services Council, Whatcom County, Washington, 1979.
19. President, Washington Chapter, American College of Emergency Physicians, 1978.
20. Member, Board of Directors, Washington Chapter, American College of Emergency Physicians, 1977-1984.
21. Medical Advisor, Mt. Baker Ski Patrol, Whatcom County, Washington.
22. Member, Washington State Medical Society, EMS Advisory Committee, 1978-present.
23. Member, Long Range Planning Committee, American College of Emergency Physicians, 1980-1981.
24. Member, Council Steering Committee, American College of Emergency Physicians, 1980-1982.
25. Member, Joint Review Committee on the Education of the EMT-Paramedic, 1980-present.
26. Medical Coordinator for Breaking Sound Barrier on Land, 1979.
27. Member, Scientific Meetings Committee, American College of Emergency Physicians, 1984-1986.

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### **PROFESSIONAL SOCIETIES and Fellowships**

1. Fellow, American Heart Association (FAHA) 2012 – present.
2. Fellow, American Academy of Emergency Medicine (FAAEM) 2003- present.
3. Life Fellow, American College of Emergency Physicians (FACEP), 1982-present.
4. Fellow, Royal Society of Medicine (England) (FRSM), 1992-present.
5. Fellow American College of Forensic Medicine. 1997-present
6. Society for Academic Emergency Medicine.
7. Israel Medical Association
8. Society of Critical Care Medicine.
9. Society of Pediatric Emergency Medicine - Founding Member. (Now AAP-ACEP)
10. American Trauma Society, Founding Member.
11. National Association of EMS Physicians, Founding Member.
12. American Heart Association.
13. Washington State Medical Society.
14. Whatcom County Medical Society.
15. National Association of EMT's.
16. Wilderness Medical Society.
17. The International Trauma Anesthesia and Critical Care Society.

### **AWARDS**

1. Recipient 2010 American College of Emergency Physicians National EMS Award
2. "Physician of Excellence Award" St. Joseph Hospital-PeaceHealth Jan 2010
3. "Heroes of Emergency Medicine" Life Achievement Award 2008 by American College of Emergency Physicians
4. American Red Cross Lifetime Achievement "Real Heroes" Award, 2000.
5. Mt. Baker Ski Patrol – "Patroller of the Year 2010-2011"
6. Twenty years "Special Achievement Award", City of Bellingham, Washington, 1994.
7. Chosen one of 100 most influential people of past century in Whatcom County, 1990.
8. Elected to "Who's Who in America", 1994.
9. 15-year special award for "Outstanding Achievement in EMS" from Whatcom County EMS Council, 1989.
10. Elected to "Who's Who in American Science and Health Care", 1982.
11. Elected to "Who's Who in the West", 1987.
12. EMS Research Award, 1983, Washington Association of EMT's and Paramedics.
13. Outstanding Advanced Life Support System Award, State of Washington, 1983.
14. Outstanding Educational Achievement Award, American College of Emergency Physicians/Abbott Laboratories, 1982.
15. Nominee, Jefferson Award 1980.
16. Outstanding Achievement in EMS, 1980 Awarded by Whatcom County Emergency Medical Services Council.

### **MAJOR LECTURESHIPS**

I annually speak at from fifteen to twenty national and international educational programs (a list is available on request).

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### AUDIOVISUAL

1. Editor 24/7 Emergency Medical Updates for EMS
2. Evaluation and Management of Chest Pain in a Community ED Virginia Commonwealth University, MCV Campus 2001.
3. Member, Editorial Board "Trauma Care", 1999-present.
3. Editor, Emergency Medical Update, 1986-1994.
4. Using Anti-Shock Trousers, Editor, Emergency Training, 1983.
5. Cardiac Care Units 1, 2, 3, Editor, Emergency Training, 1983.
6. Tension Pneumothorax and Use of McSwain Dart, Medical Dynamics, 1980.
7. Using the Anti-Shock Trousers, Western Washington University, 1980.

### FILMS

1. Technical advisor and story consultant "21 and A Wakeup" – A story of Vietnam, DMZ Productions Oct 2009
2. Emergency Management of the Multiple Trauma Patients, American College of Emergency Physicians, 1982.

### PUBLICATIONS

1. Wayne, MA Intubation with Ongoing CPR, letter to editor, Resuscitation Nov 2013
2. Franscone R, Wayne M, Swor R, et al Treatment of Non-Traumatic Out-of-Hospital Cardiac Arrest with Active Compression Decompression Cardiopulmonary Resuscitation plus an Impedance Threshold Device, Resuscitation, May 2013
3. Wayne, MA, Tupper, D, et al. Modified Rankin Score at Hospital Discharge is Predictive of One Year Neurologic Function in Survivors After Cardiac Arrest, Best Abstract NAEMSP Jan 2013
4. Selker, H, Beshansky, J, Sheehan, P, Wayne, M, et al Out of Hospital Administration of Intravenous Glucose-Insulin-Potassium in Patients with Suspected Acute Coronary Syndromes, The IMMEDIATE Randomized control trial, JAMA, March 27, 2012
5. Wayne, M, Mosesso, V, Wesley, K The out of hospital management of Acute Heart Failure, in Short Stay Management of Acute Heart Failure 2<sup>nd</sup> edition: Humana Press, Feb 2012
6. Wayne M, Tupper D, Swor R et al. Improvement of long-term neurological function after sudden cardiac death and resuscitation: Impact of CPR method and post-resuscitation care. Resuscitation 2001 Vol. 82 Supplement 1, Page S3
7. Frascione R, Wayne M, Mahoney B et al. Active compression decompression cardiopulmonary resuscitation and augmentation of negative intrathoracic pressure is neuro-protective in patients with an out-of-hospital cardiac arrest. Resuscitation 2011 Vol. 82 Supplement 1, Page S3
8. Mahoney B, Frascione R, Wayne M et al. Use of an impedance threshold device with active compression decompression cardiopulmonary resuscitation improves survival with good neurologic function following cardiac arrest from non-traumatic etiologies Resuscitation 2011 Vol. 82 Supplement 1, Pages S1-S2
9. Aufderheide TP, Frascione RJ, Wayne MA, et al: Standard cardiopulmonary resuscitation

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- versus active compression-decompression cardiopulmonary resuscitation with augmentation of negative intrathoracic pressure for out-of-hospital cardiac arrest: results of a randomized trial. The Lancet Jan 25, 2011
10. Aufderheide TP, Frascone RJ, Wayne MA, et al: Treatment of out-of-hospital cardiac arrest with an impedance threshold device and active compression decompression cardiopulmonary resuscitation improves survival with good neurologic function: Results from the ResQTrial. (Oral abstract presentation at Resuscitation Science Symposium (ReSS) at American Heart Association 2010 Scientific Sessions, Chicago, Illinois, November 13-14, 2010). Circulation November 23, 2010; 122(21):S2225.
  11. Wayne, MA, McDonnell, MM, Comparison of Traditional vs. Video Laryngoscopy in Out of Hospital Tracheal Intubation. Prehospital Emergency Care, March 2010
  12. Wayne, MA, Adult Intraosseous Vascular Access in Emergency Medicine. European Critical Care & Emergency Medicine, Volume 1, Nov 2009
  13. Wayne, MA, Singer, A, Advanced Wound Management: Myths and Realities. Emergency Medicine, March 2009
  14. Wayne, MA, Use of Video Laryngoscopy in a Ground EMS System. JEMS Supplement, Sept 2008
  15. Wayne, MA, Intraosseous Vascular Access, Devices, Dites, and Rational. State of the Science, JEMS Supplement, Oct 2007.
  16. Fowler, R, Gallagher, J, Isaccs, M, Ossman, E, Pepe, P, Wayne, M - The Role of Intraosseous Vascular Access in the Out-of-Hospital Environment (Resource Document to NAEMSP Position Statement). Prehospital Emergency Care Jan 2007.
  17. Wayne, M.A., and Mosesso, V.N., Jr. - The Out of Hospital Management of Acute Heart Failure. in Observation Unit Management of Acute Heart Failure, Published May 2006
  18. Wayne, M.A. - New Concepts in the Prehospital and ED Management of Pelvic Trauma. Israel Journal of Emergency Medicine, February 2006.
  19. Cone, D.C., Cahill, J.C., Wayne, M.A.-Cardiopulmonary Resuscitation; in Capnography: Clinical Aspects, Cambridge University Press, Nov 2004
  20. Wang, H.E., Davis, D.P., Wayne, M.A.-Prehospital Rapid-Sequence Intubation-What Does the Evidence Show? Prehospital Emergency Care, October-November 2004
  21. Wayne, M.A., Racht, E.M., et al - Prehospital Management of Cardiac Arrest: How useful are the Vasopressor and Antiarrhythmic Drugs? Prehospital Emergency Care, January-February 2002.
  22. Thomas, S.H., Wedel, S.K., Wayne, M.A. - Oxygenation, Ventilation, and Monitoring in Prehospital Trauma Care. Marcel Decker Inc. August 2001.
  23. Margolis, G.S., Wayne, M.A., Berlin, P. - The role of the Paramedic in Prehospital Trauma Care in Prehospital Trauma Care. Marcel Decker Inc. August 2001.
  24. Wayne, M.A., Delbridge, T.R., et al - Concepts and Application of Prehospital Ventilation. Prehospital Emergency Care, January-March 2001.
  25. Wayne, M.A., Slovis, C.M., Pirrallo, R.G. - Management of Difficult Airways in the Field. Prehospital Emergency Care, October-December 1999.
  26. Wayne, M.A., Friedland, B.T. - Pre-Hospital Use of Succinylcholine - A 20 Year Review. Prehospital Emergency Care, April-May 1999.
  27. Levine, R.L., Wayne, M.A., Miller, C.C. - End Tidal CO<sub>2</sub> and Outcome in Out of Hospital Cardiac Arrest. New England Journal of Medicine, July 31, 1997.
  28. Wayne, M.A., Levine, R.F., Miller, C.C. - The Use of End Tidal CO<sub>2</sub> to Predict Outcome in Pre-Hospital Cardiac Arrest. Annals of Emergency Medicine, June 1995.
  29. Wayne, M.A. - Use of ETCO<sub>2</sub> in Cardiac Arrest. Proceedings of International Emergency Medicine Conference, London, England, May 1994.
  30. Wayne, M.A., Yarnall, S.R. - The New Dr. Cookie Cook Book. Wm. Morrow Jan 1994.

31. Wayne, M.A. - The Other Side of the Coin. Journal of Emergency Medical Services, October 1993.
32. Wayne, M.A., Carrero, R.C. - Chest Pain in Schwartz's Textbook of Emergency Medicine. Lea and Febiger, May 1992, revised 1998.
33. Wayne, M.A., Carrero, R.C. - Thoracic Trauma. Emergency Medicine Clinics of North America May 1988.
34. Danzl, D., Pozos, R., Wayne, M.A., et al - Multi-center Hypothermia Survey. Presented 3<sup>rd</sup> UAEM-IREM Meeting, Tampa, Florida, March 1987. Annals of Emergency Medicine, September 1987.
35. Wayne, M.A. - Dr. Cookie's Cookbook. Liberty Publishing Co., Deerfield Park, FL, 1987.
36. Wayne, M.A., Brown, D.C. - Catecholamine Levels in Cardiac Arrest. Presented First International Meeting on Emergency Medicine, London, England, March 1986.
37. Wayne, M.A. - A Clinical Evaluation of Epi-Lock™ ...A New Semi-Occlusive Dressing. Annals of Emergency Medicine, January 1985.
38. Wayne, M.A., MacDonald, S.C. - Clinical Evaluation of the Anti-Shock Trousers, Retrospective Analysis of Five Years Experience. Annals of Emergency Medicine, June 1983.
39. Wayne, M.A., McSwain, N.E. (Editor) - Using Antishock Trousers. Emergency Training, Westport, Connecticut, 1982.
40. Wayne, M.A., Rotastein, R.F. (Editors) - Emergency Management of the Multiple Trauma Patient. American College of Emergency Physicians, 1982.
41. Wayne, M.A., Consulting and Contributing Editor - Emergindex. Micromedex, Denver, Colorado, Fall 1981-Present
42. Wayne, M.A., McSwain, N.E., Skeleton, M.B., Butman, A. (Editor) - Advanced Skills for the E.M.T.
43. Wayne, M.A. - Tension Pneumothorax - A Life Threatening Emergency and a New Way to Treat. Current Concepts in Trauma Care Fall 1980.
44. Wayne, M.A., McSwain, N.E. - Clinical Evaluation of a New Device for the Treatment of Tension Pneumothorax. Annals of Surgery, June 1980.
45. Borscheneck, A.G., Wayne, M.A. - Sager Emergency Traction Splint - A New Splinting Device for Lower Limb Fractures. NAEMT Journal, March 1980.
46. Diack, A., Welborn, S.T., Rullman, R.B., Wayne, M.A. - Automatic Device for Cardiac Resuscitation. Medical Instrumentation, March 1979.
47. Wayne, M.A. - Out of Hospital Resuscitation from Ventricular Fibrillation in an Urban Rural Community. Proceedings of D.H.E.W. Evaluation Symposium, Seattle, July 1978.
48. Wayne, M.A. - The How To of Urban Rural E.M.S. Emergency Products News, March 1978.
49. Wayne, M.A., Hedberg, G. - Development of an Urban Rural Paramedic System. Paramedics International, March 1978.
50. Wayne, M.A. - The MAST Suit in Cardiogenic Shock. JACEP, March 1978.
51. Wayne, M.A., Salenger, E. - Procedures in Emergency Medicine. A Laboratory Syllabus for U.C.L.A. Post Graduate Institute, February 1978.
52. Wayne, M.A. - Development of an Urban-Rural E.M.S. System and Its Application to Natural Disaster. Proceedings of Bicentennial E.M.S. and Trauma Meeting, Baltimore,
53. Wayne, M.A. - Development of an Urban-Rural E.M.S. System. Proceedings of Bicentennial E.M.S. and Trauma Meeting, Baltimore, 1976.
54. Wayne, M.A. - Treatment of PAT by Facial Immersion in Ice Water. JACEP, June 1976.
55. Middleton, C.E., Wayne, M.A. - Treatment of High Velocity Missile Wounds of the Colon by Closure and Exteriorization. J.of Trauma, June 1975.

January, 2009	Lester & Hyldahl 217 Prospect ST. Bellingham, WA 98225	Frederick Brune	Trial Testimony
June, 2009	Morgan & Morgan 188 E Capitol St, Ste. 777 Jackson, MS 39201	Antonio Davis v A M R	Deposition
September, 2009	Doyle Berman Murdy 1313 East osborn Rd., Suite 100 Phoenix, AZ 85014	Manuel Delgado v et al	Deposition
July, 2010	Peterson Young Putra 1501 Fourth Ave. Seattle, WA 98101	Calahan v Ballard	Deposition & Tri
Dec. 2010	Peterson Young Putra 1501 Fourth Ave Seattle, WA 98101	Richards v AMR et al	Deposition
March 2011	Peterson Young Putra 1501 Fourth Ave Seattle, WA 98101	Summer Richards	Trial Testimony
March 2012	Rossman Law Group 737 N. 7th St. Boise, ID 83702	Hailey Birch v West Valley Emergency	Deposition
Sept 2012	Connelly Law Offices 2301 North 30th Street Tacoma, WA 98403	Oglesby v. Multicare Health System	Deposition
April 2013	Cable, Langenbach, Kinerk & Bauer 1000 Second Avenue Seattle, WA 98104	Andrew Potebnya	Deposition
March 2013	Gaddis Kin Herd & Craw 118 South Wahsatch Colorado Springs, CO	McClanahan	Deposition
Sept. 2013	Muslin & Sandberg 19 Soouth La Salle Street Chicago, ill	Tylisha Brown	Deposition
Sept 2013	Mithoff Law Firm 3450 One Allen Ctr Houston, TX	McDonald	Deposition
April 2014	Ryan Krebs 805 W. 10th Street Austin, TX	Crystal Delaune	Deposition
May 2014	Gaddis Kin Herd & Craw 118 South Wahsatch Colorado Springs, CO	McClanahan	Trial

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***Marvin A. Wayne, MD, FACEP***

December 9, 2010

Legal consultation:

Fee Schedule:

Initial case review and consultation: \$1,000-\$3000 (dependent on amount of documents and timeline, usual \$1000) This includes initial review and consultation on facts and merits of case.

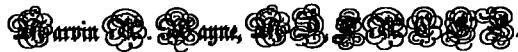
Follow up case reviews and consultation: \$300 per hour

Deposition: \$500 per hour with a 3 hour minimum

Court testimony: \$2000 per day of trial, \$500 per travel, non testimony day, for less than 4 hrs travel, \$1000 per travel day, greater than 4 hrs.

In addition reasonable expenses for travel and lodging if required.

Sincerely,



Marvin A. Wayne, MD, FACEP

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# ***Marvin A. Wayne, MD, FACEP***

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Bellingham, Washington 98225

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mawayne2@gmail.com

Re: C.A. No. 4:12-cv-03510; *Jonnie Ryan, As Personal Representative of Mark Ryan and the Estate of Mark Ryan v. Hercules Offshore, Inc., Hercules Liftboat Company, LLC, Noble Drilling, Inc. and Wild Well Control, Inc.*; In the United States District Court for the Southern District of Texas, Houston Division.

Bill for initial case review and discussion:	\$1000
Bill for additional case review, consultation, report preparation	
8hrs @ \$300 per hour	\$2400
Total	\$3400
Tax ID number 91-1143756	

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